

APPENDIX IV

LAND USE/LAND COVER	AREAS IN HUC-10 SUBWATERSHEDS (ACRES)				
	01	02	06	08	09
Deciduous Forest	37,091	12,305	2,103	370	3,072
Emergent Herbaceous Wetlands		64	20		
Evergreen Forest	345	723	148	42	175
High Intensity: Commercial/Industrial/Transportation	98	434	35	25	6
High Intensity: Residential		93	7	26	
Low Intensity: Residential	18	1,071	96	76	28
Mixed Forest	1,391	4,143	459	121	681
Open Water	0	230	17		7
Other Grasses: Urban/Recreational	2	670	1	52	16
Pasture/Hay	623	26,282	4,652	317	6,264
Row Crops	428	28,605	4,046	324	2,466
Transitional	515	85			
Woody Wetlands		3,858	593		
Total	40511	78,563	12,176	1,354	12,715

Table A4-1. Land Use Distribution in the Tennessee Portion of Wheeler Lake Watershed by HUC-10. Data are from 1992 Multi-Resolution Land Characterization (MRLC) derived by applying a generalized Anderson Level II system to mosaics of Landsat thematic mapper images collected every five years.

HYDROLOGIC SOIL GROUPS
GROUP A SOILS have low runoff potential and high infiltration rates even when wet. They consist chiefly of sand and gravel and are well to excessively drained.
GROUP B SOILS have moderate infiltration rates when wet and consist chiefly of soils that are moderately deep to deep, moderately to well drained, and moderately coarse to coarse textures.
GROUP C SOILS have low infiltration rates when wet and consist chiefly of soils having a layer that impedes downward movement of water with moderately fine to fine texture.
GROUP D SOILS have high runoff potential, very low infiltration rates, and consist chiefly of clay soils.

Table A4-2. Hydrologic Soil Groups in Tennessee as Described in WCS.

STATION	HUC-10	AGENCY	NAME	AREA (SQ MILES)	LOW FLOW (CFS)		
					1Q10	7Q10	3Q20
03574700	0603000302	USGS	Big Huckleberry Creek				

Table A4-3. Historical Streamflow Data Summary Based on Mean Daily Flows in Wheeler Lake Watershed. USGS, United States Geological Survey.

FACILITY NUMBER	FACILITY NAME	SIC	SIC NAME	MADI	WATERBODY	HUC-10
TN0058939	Highland Rim School STP	4952	Sewerage System	Minor	Harper Branch @ RM 1.3	0603000202

Table A4-4. Active Permitted Point Source Facilities in the Tennessee Portion of Wheeler Lake Watershed. SIC, Standard Industrial Classification; MADI, Major Discharge Indicator.

FACILITY NUMBER	FACILITY NAME	SECTOR	RECEIVING STREAM	AREA*	HUC-10
TNR053263	Fayetteville Municipal Airport	S	Walker Creek	0.7	0603000202
TNR054240	Davie R. Ashley Sawmill	A, P	Hester Creek	6.0	0603000202
TNR050174	Wolverine Tube, Incorporated	F, AA	Piney Creek	3.1	0603000208

Table A4-5. Active Permitted TMSP Facilities in the Tennessee Portion of Wheeler Lake Watershed. Area, acres of property associated with industrial activity. Sector details may be found in Table A4-8.

SECTOR	TMSP SECTOR NAME
A	Timber Products Facilities
AA	Facilities That Manufacture Metal Products including Jewelry, Silverware and Plated Ware
AB	Facilities That Manufacture Transportation Equipment, Industrial or Commercial Machinery
AC	Facilities That Manufacture Electronic and Electrical Equipment and Components, Photographic and Optical Goods
AD	Facilities That Are Not Covered Under Sectors A Thru AC (Monitoring Required)
AE	Facilities That Are Not Covered Under Sectors A Thru AC (Monitoring Not Required)
B	Paper and Allied Products Manufacturing Facilities
C	Chemical and Allied Products Manufacturing Facilities
D	Asphalt Paving, Roofing Materials, and Lubricant Manufacturing Facilities
E	Glass, Clay, Cement, Concrete, and Gypsum Product Manufacturing Facilities
F	Primary Metals Facilities
G	Metal Mines (Ore Mining and Dressing) (RESERVED)
H	Inactive Coal Mines and Inactive Coal Mining-Related Facilities
I	Oil or Gas Extraction Facilities
J	Construction Sand and Gravel Mining and Processing and Dimension Stone Mining and Quarrying Facilities
K	Hazardous Waste Treatment Storage or Disposal Facilities
L	Landfills and Land Application Sites
M	Automobile Salvage Yards
N	Scrap Recycling and Waste and Recycling Facilities
O	Steam Electric Power Generating Facilities
P	Vehicle Maintenance or Equipment Cleaning areas at Motor Freight Transportation Facilities, Passenger Transportation Facilities, Petroleum Bulk Oil Stations and Terminals, the United States Postal Service, or Railroad Transportation Facilities
Q	Vehicle Maintenance Areas and Equipment Cleaning Areas of Water Transportation Facilities
R	Ship or Boat Building and Repair Yards
S	Vehicle Maintenance Areas, Equipment Cleaning Areas or From Airport Deicing Operations located at Air Transportation Facilities
T	Wastewater Treatment Works
U	Food and Kindred Products Facilities
V	Textile Mills, Apparel and other Fabric Product Manufacturing Facilities
W	Furniture and Fixture Manufacturing Facilities
X	Printing and Platemaking Facilities
Y	Rubber and Miscellaneous Plastic Product Manufacturing Facilities
Z	Leather Tanning and Finishing Facilities

Table A4-6. TMSP Sectors and Descriptions.

FACILITY NUMBER	PERMITEE	COUNTY	LIVESTOCK	WATERBODY	HUC-10
TNA000030	David Underwood	Lincoln	Poultry	Flint River	0603000202
TNA000106	Gary Phillips	Lincoln	Poultry	Crystal Springs Branch	0603000202
TNA000090	Scivally Farms	Lincoln	Poultry	Mulepen Creek	0603000202

Table A4-7. CAFO Sites in the Tennessee Portion of Wheeler Lake Watershed.

LOG NUMBER	COUNTY	DESCRIPTION	WATERBODY	HUC-10
94.008A	Lincoln	Gravel Dredging	Cottrell Springs Creek	0603000202
94.008B	Lincoln	Gravel Dredging	Cottrell Springs Creek	0603000202
96.167	Lincoln	Gravel Dredging	Walker Creek	0603000202
97.419	Lincoln	Gas Line Crossing	Harbin Creek	0603000202
97.594	Lincoln	Gravel Dredging	Harbin Creek	0603000202
9810.014	Lincoln	Gravel Dredging	Stiles Creek	0603000202
9810.157	Lincoln	Road Crossing	Trotters Branch	0603000202
95.155	Lawrence	Gravel Dredging	Second Creek	0603000209

Table A4-8. Individual ARAP Permits Issued January 1994 Through June 2000 in the Tennessee Portion of Wheeler Lake Watershed.